

WEST**End of Result Set** [Generate Collection](#) [Print](#)

L3: Entry 50 of 50

File: DWPI

Nov 27, 1998

DERWENT-ACC-NO: 2000-170073

DERWENT-WEEK: 200015

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TITLE: Method of preparing polymer hydrogel

INVENTOR: KRASOZOV, I M

PRIORITY-DATA: 1998RU-0102792 (February 25, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2122438 C1	November 27, 1998		000	A61L027/00

INT-CL (IPC): A61 L 27/00; C08 F 220/56

ABSTRACTED-PUB-NO: RU 2122438C

BASIC-ABSTRACT:

NOVELTY - Method of preparing polymer hydrogel comprises copolymerizing acrylamide into hydrogel with cross-linking agent in aqueous solution in presence of redox polymerization initiator, cross-linking agent being a mixture containing 55-65 wt % N, N'-methylene- bis-acrylamide, 10-25% wt % N,N'-octamethylene-bis-acrylamide, and 25-35% tridecaethylene glycol dimethacrylate.

USE - The polymers are used in medicine.

ADVANTAGE - Increased permeability for connective tissue-forming high-molecular compounds and ensured implant shape stability.

Set Name Query
side by side

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
<u>L16</u>	L14 and l6	15	<u>L16</u>
<u>L15</u>	L14 and l6	15	<u>L15</u>
<u>L14</u>	inject\$3 and l9	4926	<u>L14</u>
<u>L13</u>	US-6129761\$.did.	2	<u>L13</u>
<u>L12</u>	US-6129761\$.did,	0	<u>L12</u>
<u>L11</u>	L10 and l6	3	<u>L11</u>
<u>L10</u>	L9 and (methylene adj bis-acrylamide)	108	<u>L10</u>
<u>L9</u>	l8 and acrylamide	16275	<u>L9</u>
<u>L8</u>	polyacrylamide	57427	<u>L8</u>
<u>L7</u>	L6 and hydrogel	870	<u>L7</u>
<u>L6</u>	(incontinence or vesicoureteral reflux) and hydrogel	870	<u>L6</u>
<u>L5</u>	L4 and l2	8	<u>L5</u>
<u>L4</u>	treating and (incontinence or vesicoureteral reflux) and hydrogel	336	<u>L4</u>
<u>L3</u>	L1 AND L2	50	<u>L3</u>
<u>L2</u>	acrylamide same (methylene adj1 bis-acrylamide)	493	<u>L2</u>
<u>L1</u>	hydrogel	18434	<u>L1</u>

END OF SEARCH HISTORY